

# TDJ-5100P4

## Parabolic Antenna

### Technical Sheet



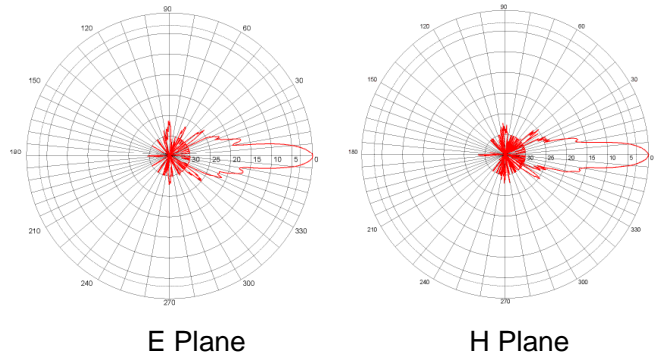
#### Applications

- 5.1GHz WLAN System
- Long Distance Communication
- Wireless bridge

#### Features

- High Gain,High F/B Ratio,Broadband
- Die Cast Aluminum Reflector
- UV Stable Coat Finish
- V/H Polarization is Compatible
- Supplied with adjustable and rotatable bracket

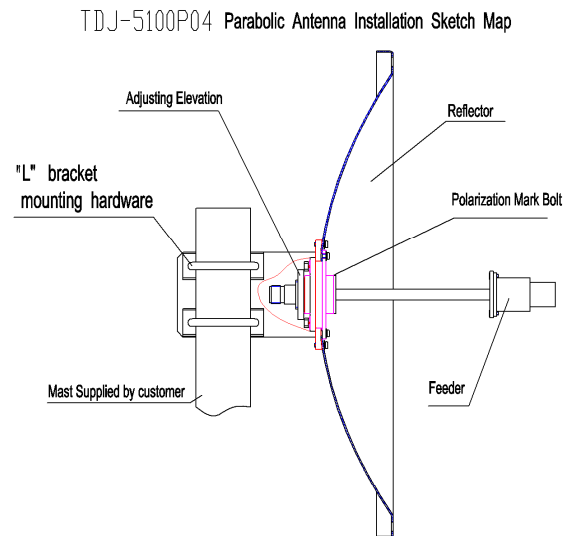
#### Reference Pattern



#### Specifications

Model	TDJ-5100P4
Freq.Range-MHz	5150 to 5350
Bandwidth-MHz	200
Gain-dBi	23
Beamwidth-°	E:9 H:9
F/B Ratio-dB	≥30
VSWR	≤1.5
Impedance-Ω	50
Polarization	Vertical or Horizontal
Max.Power-W	100
Connector	N Female
Dimension-m	φ 0.4
Weight-Kg	3
Mast Diameter-mm	φ 40 to 50

#### Installation Sketch



#### Installation:

1. Install the feeder on the reflector according to the sketch map .and Make sure the polarization meet the client's requirement. When the polarization mark bolt (black carriage bolt) lock upside or downside, antenna is vertical polarized. When the bolt lock at left or right slot , it is horizontal polarized.
2. Install the bracket on the reflector.
3. Fasten the assistant clamp on the mast. Then mount the antenna on the mast according to the sketch map.
4. Use equipment to test the receiving signal. Adjust the antenna azimuth and pitching angle to make the receiving signal maximum. Fasten all the screws and seal the connector which connect the antenna and cable.

